

Docket No. 220959US2PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroyasu SANO, et al.

SERIAL NO: New US PCT application based on PCT/JP01/06344

GAU:

FILED: Herewith

EXAMINER:

FOR: MULTI-CARRIER CDMA COMMUNICATION APPARATUS, MULTI-CARRIER CDMA TRANSMITTER AND  
MULTI-CARRIER CDMA RECEIVER

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO.  220959US2PCT		SERIAL NO. New US PCT application based on PCT/JP01/06344	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT  Hiroyasu SANO, et al.			
				FILING DATE  Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AG	2001-237803	08/31/01	JP			No
	AH	2000-332724	11/30/00	JP			No
	AI	7-202758	08/04/95	JP (with English Abstract)			No
	AJ						
	AK						
	AL						
	AM						
	AN						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AO	Hideyuki MATSUTANI et al.: "Shuuhassuu bunsan fugou-ka wo mochiita multi-carrier DS-CDMS" DENSHI JOHO TSUSHIN GAKKAI GIJUTSU KENKYUU HOUKOKU RCS98-159, pages 49-54 11/27/98					
	AP	H. MATSUTANI et al.: "Multi-carrier DS-CDMA using frequency spread coding" IEEE ICPWC'99, pages 244-248 02/99					
	AQ	Jun SUMASU et al.: "Jikan-teki shuuhassuu ryouiki douji kakusan wo mochiita OFDM-CDMA" DENSHI JOHO TSUUSHIN GAKKAI GIJUTSU KENKYUU HOUKOKU RCS2000-3 pages 13-18 04/21/00					
	AR	Sadayuki ABETA et al.: "Kudari link broad band musen packet densou ni okeru SC/DS-CDMA, MC/DS-CDMA, MC-CDMA houshiki no tokuchou hikaku" DENSHI JOHO TSUUSHIN GAKKAI GIJUTSU KENKYUU HOUKOKU RCS99-130, pages 63-70 10/15/99					
	AS	S. HARA et al.: "Overview of multicarrier CDMA" IEEE COMMUN. MAG., vol. 35, no. 12, pages 126-133 12/97					
	AT	S.P.W. JAROT et al.: "Each carrier transmission power control for the reverse link of OFDM-DS-CDMA system" IEICE TRANS. COMMUN., vol. E82-B, no. 11, pages 1851-1857 11/99					<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Docket No: 220959US2PCT

#### STATEMENT OF RELEVANCY

1) References AG-AH and AO-AT have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.

2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.

3) References \_\_\_\_\_ are discussed in the specification. A copy of these references is being submitted herewith.

4) Reference AI is additional prior art known to Applicant. A copy of this reference is being submitted herewith.